

Appln. No. 09/771,542
Amendment dated June 21, 2005
Reply to Office Action of March 3, 2005

Amendments to the Claims:

Please cancel claims 12 and 22, and amend claims 1, 2, 13, 15, 16, 17 and 23, and add new claims 25 and 26 as follows. The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Currently Amended). A voice recording and reproducing apparatus, comprising:

conversion means for converting inputted voice signals into digitized voice data;

5 a data table for storing a plurality of ID data for predetermined ID items;

ID data selecting means for selecting arbitrary ID data from the ID data of the predetermined ID items stored in the data table;

10 data file creating means for creating a data file by adding the ID data selected by the ID data selecting means to the voice data converted by the conversion means as header information;

recording means for recording the data file in a recording medium; [[and]]

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15 connecting means for connecting the voice recording and
 reproducing apparatus to an external apparatus; and
 changing means for communicating with ~~[[an]]~~ the external
 apparatus connected to the ~~voice recording and reproducing~~
 ~~apparatus~~ connecting means and for changing ~~the ID data stored in~~
20 the data table based upon information sent from the external
 apparatus.

 Claim 2 (Currently Amended). The voice recording and
 reproducing apparatus according to claim 1, wherein
 ~~the data table is stored in a rewritable nonvolatile storage~~
 ~~medium, and~~

5 ~~said changing means rewrites the ID data stored in the data~~
 ~~table with ID data sent from said external apparatus~~ the changing
 means, upon connecting the voice recording and reproducing
 apparatus to the external apparatus, automatically changes the ID
 data stored in the data table by ID data stored in the external
10 apparatus.

 Claim 3 (Cancelled).

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Claim 4 (Previously Presented). The apparatus according to claim 1, wherein said changing means can change at least one of ID data identifying a user, ID data identifying a work type, an option item name and an option item ID, which are stored in the data table.

Claim 5 (Previously Presented). An information processing apparatus for which a plurality of external data recording and reproducing apparatuses for digitizing and recording inputted signals in a recording medium are connectable, comprising:

connection number allocation means for, after connecting the external data recording and reproducing apparatuses to the information processing apparatus, allocating a connection number to each of the connected external data recording and reproducing apparatuses;

identification code acquisition means for acquiring an identification code of the external data recording and reproducing apparatuses connected to the information processing apparatus;

storage means for storing each connection number allocated by the connection number allocation means and the identification code acquired by the identification code acquisition means;

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display means for displaying at least one of the connection number and the identification code stored in the storage means;

first selection means for selecting at least one of a
20 desired connection number and a desired identification code, from at least one of the connection number and the identification code displayed by the display means;

second selection means for selecting a desired external data recording and reproducing apparatus from the connected plurality
25 of external data recording and reproducing apparatuses based on the selection by the first selection means; and

control means for carrying out controls so that at least one of a control program and control data of said external data recording and reproducing apparatus selected by the second
30 selection means may be changed.

Claim 6 (Previously Presented). The apparatus according to claim 5, wherein the control means carries out controls so that the data table stored in the external data recording and reproducing apparatus may be changed, and

5 the data table stores a plurality of ID data that a user can select on the data recording and reproducing apparatus, for predetermined ID items, and when the external data recording and

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reproducing apparatus records data the ID data selected by the
user, of the plurality of ID data, is recorded as header
10 information.

Claim 7 (Previously Presented). The apparatus according to
claim 6, wherein

said control means can change at least one of ID data
identifying a user, ID data identifying a work type, option item
5 data and an option item name, which are stored in the data table.

Claim 8 (Previously Presented). A recording medium having
recorded an information processing program for which a plurality
of external data recording and reproducing apparatuses for
digitizing and recording inputted signals are responsive, the
5 information processing program comprising:

a processing program for, after connecting the external data
recording and reproducing apparatuses to the information
processing apparatus, allocating a connection number to each of
the plurality of connected external data recording and
10 reproducing apparatuses;

a processing program for acquiring an identification code of
the external data recording and reproducing apparatuses which are
responsive to the information processing program;

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15 a processing program for storing each allocated connection
number and each acquired identification code;

a processing program for displaying at least one of the
stored connection number and the stored identification code;

20 a processing program for selecting at least one of a desired
connection number and a desired identification code, from at
least one of the displayed connection number and the displayed
identification code;

25 a processing program for selecting a desired external data
recording and reproducing apparatus from the plurality of
external data recording and reproducing apparatuses based on the
selected and displayed connection number and identification code;
and

a processing program for carrying out controls so that at
least one of a control program and control data of the selected
external data recording and reproducing apparatus may be changed.

Claim 9 (Previously Presented). The recording medium
according to claim 8, wherein the processing program for carrying
out controls carries out controls so that the data table may be
changed, and

5 the data table stores a plurality of ID data that a user can
select, for predetermined ID items, and when the data is

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recorded, the ID data selected by the user, of the plurality of ID data, is recorded as header information.

Claim 10 (Previously Presented). The apparatus according to claim 5, wherein when changing said at least one of the control program and the control data, the control means causes the identification code acquisition means to acquire the
5 identification code of the external data recording and reproducing apparatus again, and the control means determines whether the acquired identification code of the external data recording and reproducing apparatus is identical to the
10 identification code of the external data recording and reproducing apparatus selected by the second selection means.

Claim 11 (Previously Presented). The recording medium according to claim 8, wherein when changing said at least one of the control program and the control data, the processing program for carrying out controls causes the processing program for
5 acquiring an identification code to acquire the identification code of the external data recording and reproducing apparatus, and the processing program for carrying out controls determines whether the acquired identification code of the external data recording and reproducing apparatus is identical to the stored

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- 10 identification code of the desired data recording and reproducing apparatus selected by the second selection means.

Claim 12 (Cancelled).

- Claim 13 (Currently Amended). An information processing system comprising a data recording and reproducing apparatus and an information processing apparatus which can be connected to the data recording and reproducing apparatus, the data recording and
5 reproducing apparatus comprising:

conversion means for converting inputted signals into digital data;

a data table for storing a plurality of ID data for predetermined ID items;

- 10 ID data selecting means for selecting arbitrary ID data from the ID data of the predetermined ID items stored in the data table;

- data file creating means for creating a data file by adding the ID data selected by the ID data selecting means to the
15 digital data as header information;

recording means for recording the data file in a recording medium; and

changing means for changing the data table;

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the information processing apparatus comprising:

20 device selection means for selecting an arbitrary data recording and reproducing apparatus from a plurality of data recording and reproducing apparatuses connected to the information processing apparatus; and

transmitting means for transmitting ID data to the data
25 recording and reproducing apparatus selected by the device selection means,

wherein the changing means changes the data table in accordance with the ID data transmitted from the information processing apparatus.

Claim 14 (Previously Presented). The system according to claim 13, wherein the data table includes a plurality of ID data that can be selected for at least one of ID items consisting of ID identifying a user, ID identifying a work type and option item
5 ID.

Claim 15 (Currently Amended). A data recording and reproducing apparatus comprising:

a converter which converts inputted voice signals into digital data;

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5 a data table which stores a plurality of ID data for predetermined ID items;

an ID selecting unit which selects arbitrary ID data from the ID data of the predetermined ID items stored in the data table;

10 a data file creating circuit which creates a data file by adding the ID data selected by the ID data selecting unit to the digital data converted by the converter as header.

information[[,]];

15 a recording circuit which records the data file in a recording medium; [[and]]

a connection circuit which connects the data recording and reproducing apparatus to an external apparatus; and

a changing circuit which communicates with [[an]] the external apparatus connected to the ~~data recording and reproducing apparatus~~ connection circuit and changes the ~~ID data~~ stored in the data table based upon information sent from the external apparatus.

Claim 16 (Currently Amended). The apparatus according to claim 15, wherein ~~the data table is stored in a rewritable nonvolatile storage medium, and the changing unit rewrites the ID data stored in the data table with ID data sent from the external~~

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apparatus the changing circuit, upon connecting the data recording and reproducing apparatus to the external apparatus, automatically changes the ID data stored in the data table by ID data stored in the external apparatus.

Claim 17 (Currently Amended). The apparatus according to claim 15, wherein the changing [[unit]] circuit can change at least one of ID data identifying a user, ID data identifying a work type, an option item name, an option item ID, which are
5 stored in the data table.

Claim 18 (Previously Presented). An information processing apparatus for which a plurality of external data recording and reproducing apparatuses for digitizing and recording inputted signals in a recording medium are connectable, comprising:

5 a connection number allocation circuit which, after connecting the external data recording and reproducing apparatuses to the information processing apparatus, allocates a connection number to each of the connected external data recording and reproducing apparatuses;

10 an identification code acquisition circuit which acquires an identification code of the external data recording and

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reproducing apparatuses connected to the information processing apparatus;

15 a memory which stores each connection number allocated by the connection number allocation circuit and the identification code acquired by the identification code acquisition circuit;

a display unit which displays at least one of the connection number and the identification code stored in the memory;

20 a first selection circuit which selects at least one of a desired connection number and a desired identification code, from at least one of the connection number and the identification code displayed by the display unit;

a second selection circuit which selects a desired external data recording and reproducing apparatus from the connected
25 plurality of external data recording and reproducing apparatuses based on the selection by the first selection circuit; and

a control circuit which carries out controls so that at least one of a control program and control data of the external data recording and reproducing apparatus selected by the second
30 selection circuit may be changed.

Claim 19 (Previously Presented). The apparatus according to claim 18, wherein:

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the control circuit carries out controls so that the data
table stored in the external data recording and reproducing
5 apparatus may be changed, and

the data table stores a plurality of ID data that a user can
select on the data recording and reproducing apparatus, for
predetermined ID items, and when the external data recording and
reproducing apparatus records data the ID data selected by the
10 user, of the plurality of ID data, is recorded as header
information.

Claim 20 (Previously Presented). The apparatus according to
claim 19, wherein the control circuit can change at least one of
ID data identifying a user, ID data identifying a work type,
option item data and an option item name, which are stored in the
5 data table.

Claim 21 (Previously Presented). The apparatus according to
claim 18, wherein when changing at least one of the control
program and the control data, the control circuit causes the
identification code acquisition circuit to acquire the
5 identification code of the external data recording and
reproducing apparatus again, and the control circuit determines
whether the acquired identification code of the external data

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recording and reproducing apparatus is identical to the
identification code of the external data recording and
10 reproducing apparatus selected by the second selection circuit.

Claim 22 (Cancelled).

Claim 23 (Currently Amended). An information processing
system comprising a data recording and reproducing apparatus and
an information processing apparatus which can be connected to the
data recording and reproducing apparatus, the data recording and
5 reproducing apparatus comprising:

a converter which converts inputted signals into digital
data;

a data table ~~for storing~~ which stores a plurality of ID data
for predetermined ID items;

10 an ID data selecting unit which selects arbitrary ID data
from the ID data of the predetermined ID items stored in the data
table;

a data file creating circuit which creates a data file by
adding the ID data selected by the ID data selecting circuit to
15 the digital data as header information;

a recording circuit which records the data file in a
recording medium; and

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a changing circuit which changes the data table;

the information processing apparatus comprising:

20 a device selection unit which selects an arbitrary data recording and reproducing apparatus from a plurality of data recording and reproducing apparatuses connected to the information processing apparatus; and

25 a transmitting circuit which transmits ID data to the data recording and reproducing apparatus selected by the device selection unit,

wherein the changing circuit changes the data table in accordance with the ID data transmitted from the information processing apparatus.

Claim 24 (Previously Presented). The system according to claim 23, wherein the data table includes a plurality of ID data that can be selected for at least one of ID items consisting of ID identifying a user, ID identifying a work type and option item
5 ID.

Claim 25 (New). The information processing system according to claim 13, further comprising detection means for detecting connection between the data recording and reproducing apparatus and the information processing apparatus, wherein

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- 5 the changing means automatically changes the data table when the detection means detects that the data recording and reproducing apparatus is connected to the information processing apparatus.

Claim 26 (New). The information processing system according to claim 23, further comprising a detection circuit which detects connection between the data recording and reproducing apparatus and the information processing apparatus, wherein

- 5 the changing circuit automatically changes the data table when the detection circuit detects that the recording and reproducing apparatus is connected to the information processing apparatus.